● PRINTER RUSH ●
(PTO ASSISTANCE)

JFW

Application :	10/660084	Examiner : McCloud	GAU : 2837
From:	Tw	Location: IDC FMF (FDC)	Date: 10-8-05

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☐ IIFW	_____	☐ Fees
☐ SRFW	_____	☐ Other
☐ DRW	_____	
☐ OATH	_____	
☐ 312	_____	
☐ SPEC	_____	

[RUSH] MESSAGE: _____

Claim 13 in the claims submitted on 4-20-05 does not end with a
period. Is there additional data to be printed or should a claim be
entered?

Please verify

Thank You

Tw

[XRUSH] RESPONSE: No, there's no need to enter a claim, but
I did add a period.

You didn't ask about claim 4; added a period there, also.

INITIALS: dsf

NOTE: This form will be included as part of the official USPTO record, with the Response
document coded as XRUSH.

REV 10/04

021830.002US

Appl. No. 10/660,084
Amdt./RCE dated April 18, 2005

3. (Previously added) A control system for a polyphase AC motor having a predetermined horsepower rating, comprising:

> two or more integrated AC motor controllers, each integrated controller having a horsepower rating less than the horsepower rating of the AC motor to be controlled, each integrated controller comprising a rectifier section, an inverter section and a controller section;

> the rectifier section of each integrated controller being supplied with polyphase AC power;

> the inverter section of each integrated controller generating a polyphase, variable frequency, pulse-width-modulated power output; and

> a parallel controller communicating with and controlling each integrated controller to thereby control the AC motor.

4. (Previously added) The control system of claim 3, wherein the motor is rated at 800 horsepower or greater.

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5. (Previously added) The control system of claim 3, wherein each integrated controller is rated for 400 horsepower or less.

6. (Previously added) The control system of claim 3, wherein the number of integrated controllers is 3 to 8.

7. (Previously added) The control system of claim 7, further comprising a dynamic brake.

8. (Previously added) The control system of claim 7, wherein the dynamic brake is a chopper circuit.

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9. (Previously added) The control system of claim 7, wherein the dynamic brake is intelligent.

10. (Previously added) The control system of claim 7, wherein the dynamic brake is controlled by the parallel controller.

11. (Previously added) The control system of claim 3, further comprising a conditioning section.

12. (Previously added) A method of controlling an AC motor of predetermined horsepower, comprising:

> providing a plurality of integrated AC motor control systems each having a horsepower
>> rating less that the AC motor to be controlled and each of the integrated control
>> systems comprising a rectifier section, an inverter section and a controller section;
> supplying polyphase AC power to the rectifier section of each integrated control system;
> generating a polyphase, variable frequency, pulse-width-modulated power signal from
>> the inverter sections of each integrated control system;
> interfacing a parallel controller with each integrated control system; and
> controlling each integrated control system with the parallel controller to thereby control
>> the AC motor.

13. (Previously added) The method of claim 12, wherein the motor is rated at 800 horsepower or greater.

14. (Previously added) The method of claim 12, wherein each integrated control system is rated for 400 horsepower or less.

15. (Previously added) The method of claim 12, wherein 3 to 8 integrated control systems are provided.